

Fig. 1



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GAAA
-4

AGACGCGCAGGCCGGGCGCTCTCCCGACGGGGAGTAGCGCTGCAGCCGGACGCAGGGTGCAGTTA
10 20 30 40 50 60

M G S K G G F I L L W L -14
GAATCCATAGACGGTCACG ATG GGA AGC AAA GGA GGG TTC ATT TTG CTC TGG CTC
70 80 90 100 110 120

L S I L A V L C H L G H S L Q C Y 4
CTG TCC ATC CTG GCT GTT CTC TGC CAC TTA GGT CAC AGC CTG CAG TGC TAT
130 140 150 160 170

ψ
N C I N P A G S C T T A M N C S H 21
AAC TGT ATC AAC CCA GCT GGT AGC TGC ACT ACG GCC ATG AAT TGT TCA CAT
180 190 200 210 220

N Q D A C I F V E A V P P K T Y Y 38
AAT CAG GAT GCC TGT ATC TTC GTT GAA GCC GTG CCA CCC AAA ACT TAC TAC
230 240 250 260 270

Q C W R F D E C N F D F I S R N L 55
CAG TGT TGG AGG TTC GAT GAA TGC AAT TTC GAT TTC ATT TCG AGA AAC CTA
280 290 300 310 320

ψ
A E K K L K Y N C C R K D L C N K 72
GCG GAG AAG AAG CTG AAG TAC AAC TGC TGC CGG AAG GAC CTG TGT AAC AAG
330 340 350 360 370

↓
S D A T I S S G K T A L L V I L L 89
AGT GAT GCC ACG ATT TCA TCA GGG AAA ACC GCT CTG CTG GTG ATC CTG CTG
380 390 400 410 420

L V A T W H F C L * 98
CTG GTA GCA ACC TGG CAC TTT TGT CTC TAA
430 440 450

CTGTACACCAGGAGAGTTTCTCCTCAACTTCCTCTGTCTCTCTGTTCTTCTATTTCCCATGCTGCGGTGTT
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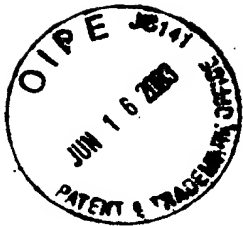
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600 610 620 630 640 650 660

GTTTTAAGAGTGAAGCACAGGTGATTTGAGCGAGGCCTATGCGTCTTCCTCTGCTCTTGGCAGGACCAG
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CTTTGCGGTAACCATTCGATAGATTCCACAATCCTT
740 750 760

Fig. 2



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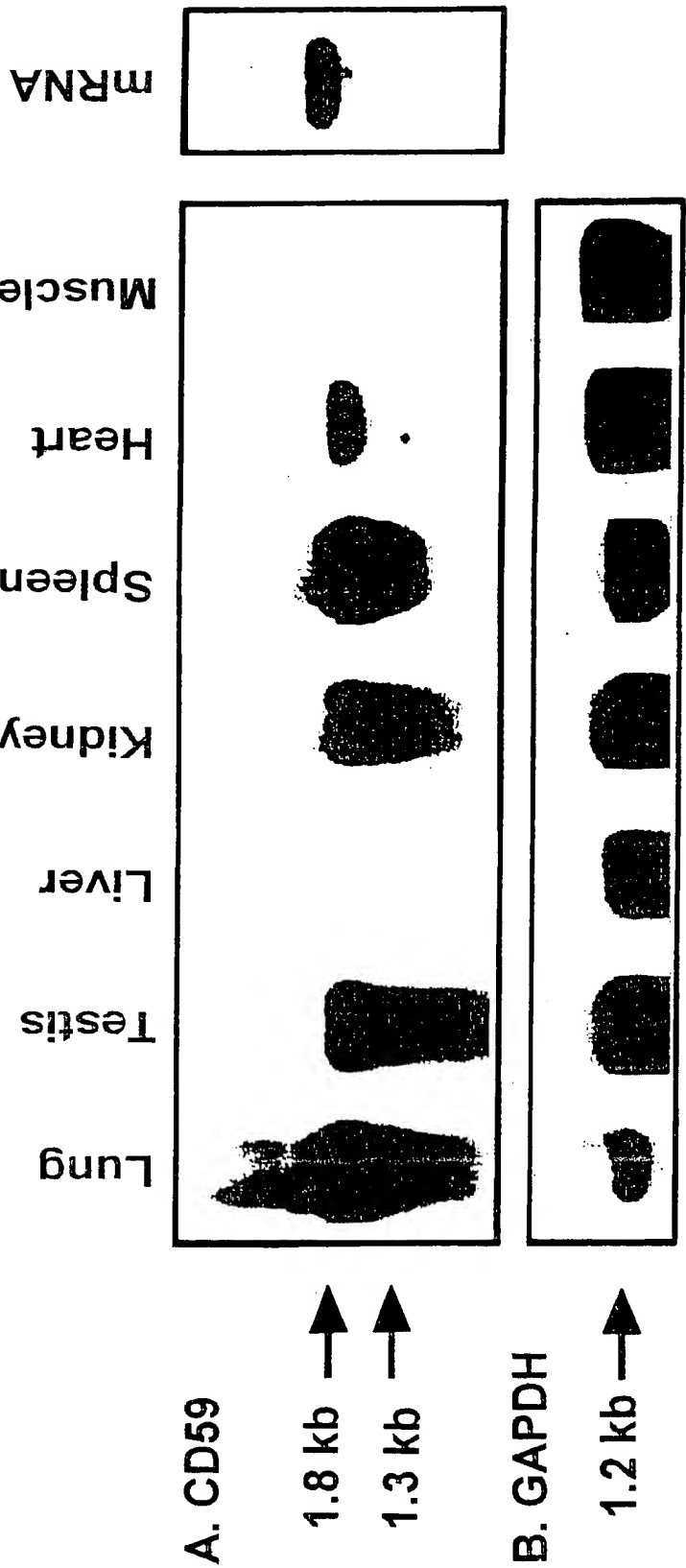


Fig. 3

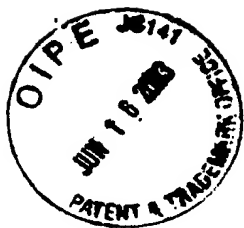


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	-20	-10	1	10	20	30
PIG:	MSGKGGFILLWLLSILAVLCHLGHSLQYNCINP-AGSCTTAMNCSHNQDACIFVEAVPPKTTYQ					
HUM:	MGIQGGSVLFGLLLVAVFCHSGHSLQYNCINP-TADCKTAVNCSSDFDACLITKAGLQVYN-K					
RAT:	MPARRGFIL--LLL-LAVLCSTGVSLRCYNCIDP-VSSCKTNSTCSPNLDACLVAVSGKQVYQ-Q					
MUR:	MRAQRGLIL--LLLLAVFCSTAVSLTCYHCFQPVVSSCNMNSTCSPDQDSCLYAVAGMQVYQ-R					

	40	50	60	70	80	90
PIG:	CWRFDECNEFISRNLAEEKKLYNCCRKDLCKNSD-----ATIS-SGKTALL-VILLVATWHECL.					
HUM:	CWKFEHCNFENDVTRLRENELTYYCCCKKDLCKNFNEQLEN--GGTSLSEKTVLLLVTPFLAAAWSLHP.					
RAT:	CWRFSDCNAKFIILSRLEIANVQYRCCQADLCNKSFEDKPNNGAISLLGKTALL-VTSVLAAILKPCF.					
MUR:	CWKQSDCHGEIIMDQLEETKLKFRCCQFNLCKNSD-----GS-LGKTPLLGTSVLVAIL-NLCFLSHL.					
RAB:	CWRYEDCNFEFISNRLEENSLKYNCCRKDLCKNGPEDDGTAL-----TGRTVLL-VAPLLAAARNLCL					

Fig. 4



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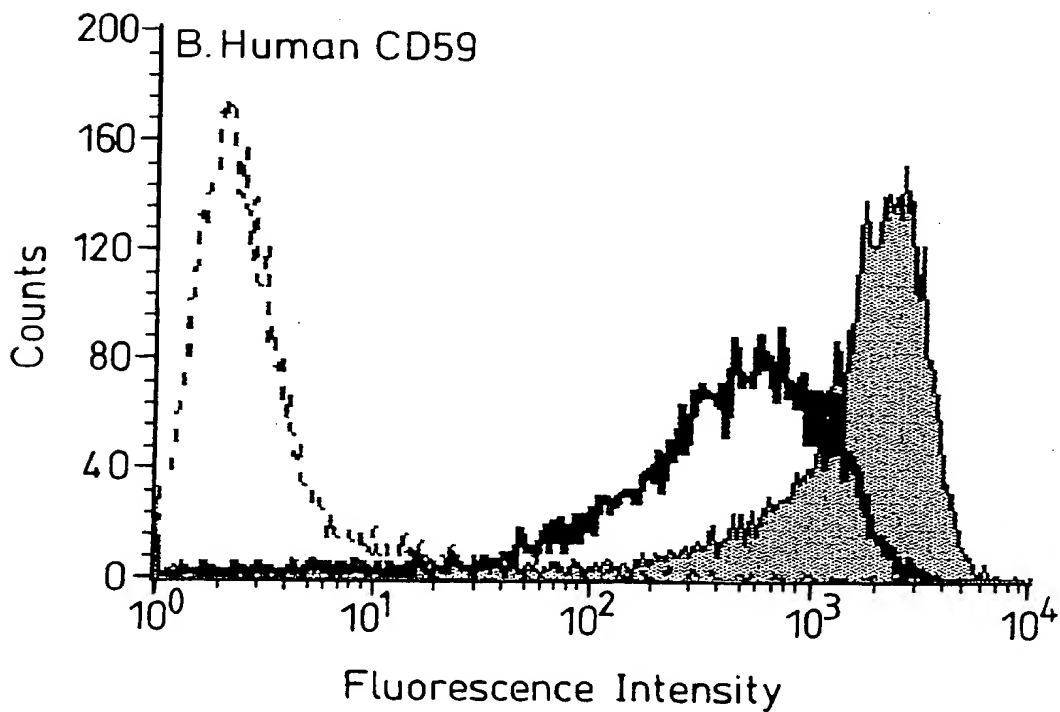
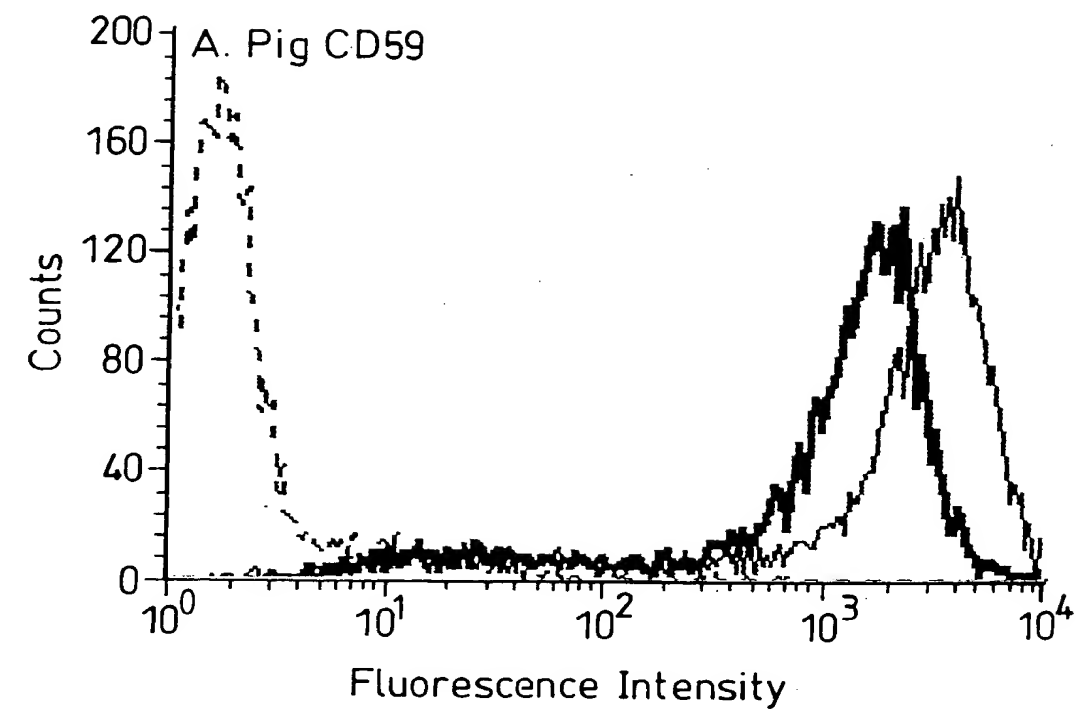


Fig. 5



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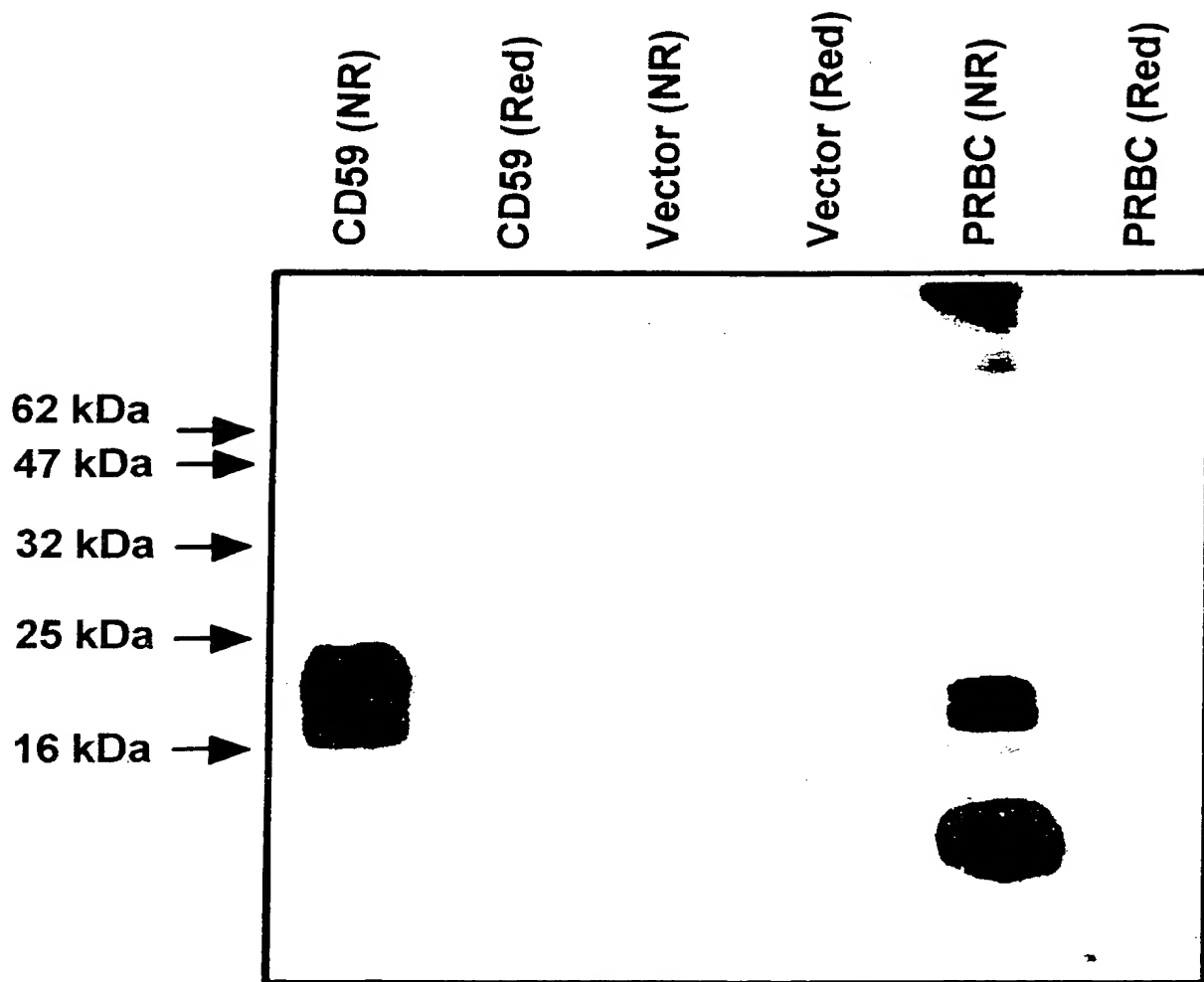
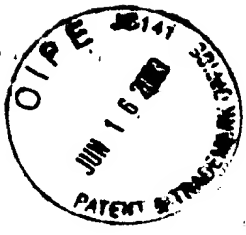
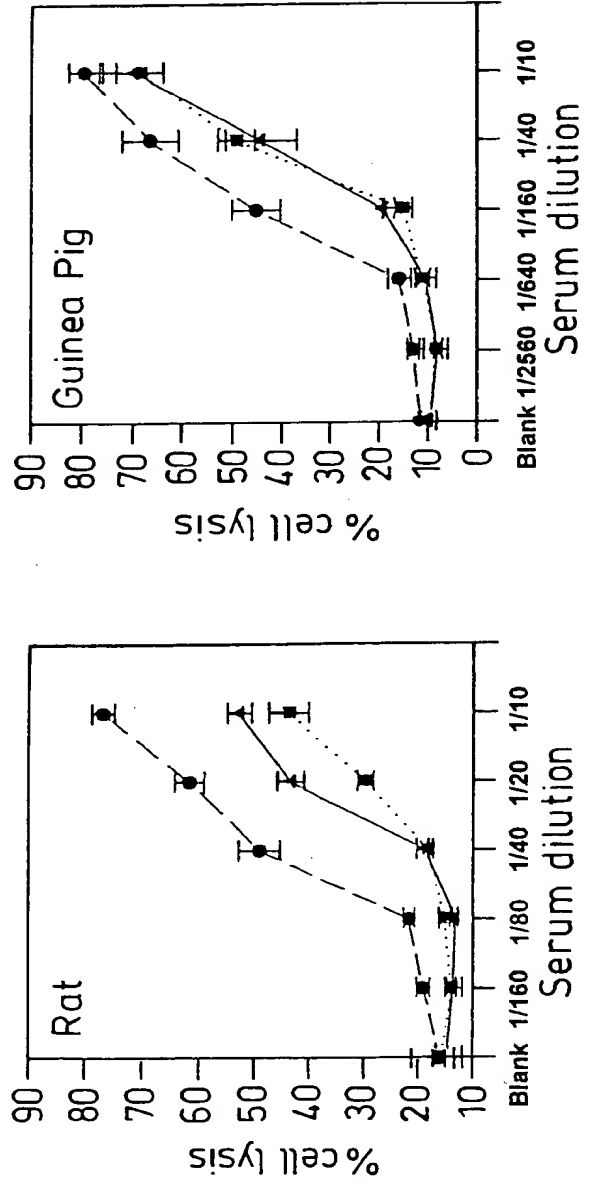
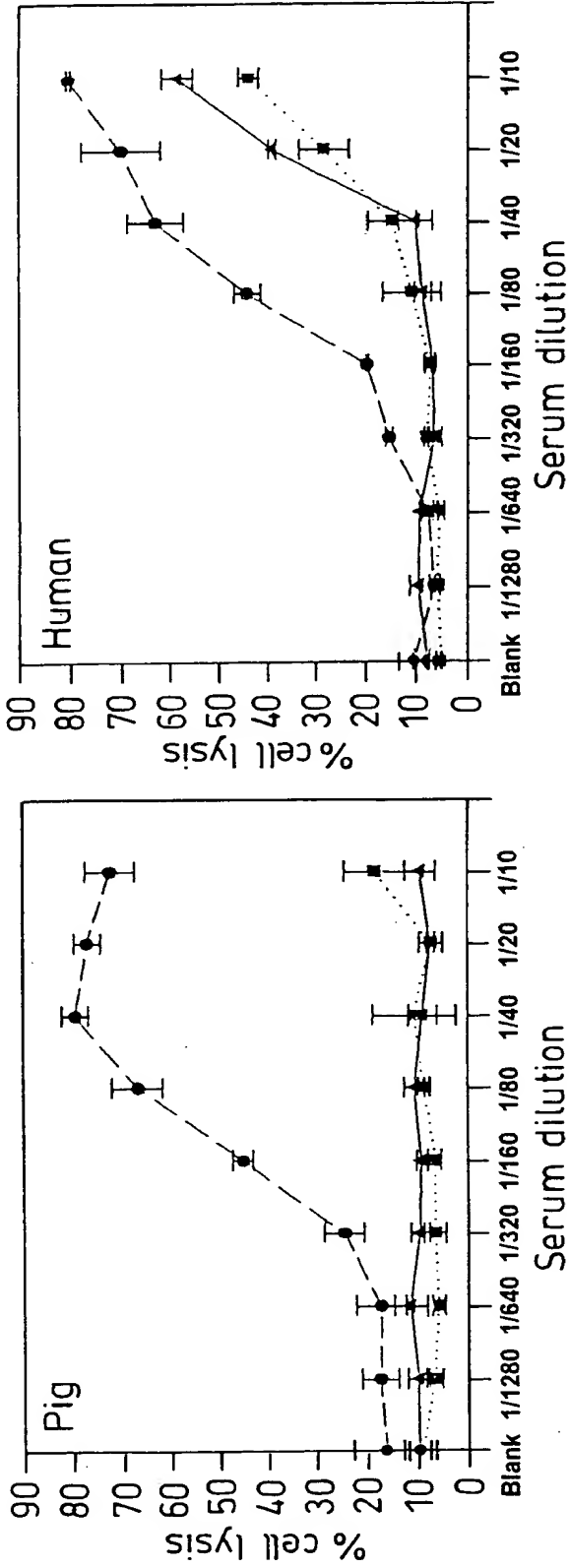


Fig. 6



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Fig. 7 (part 1 of 2)





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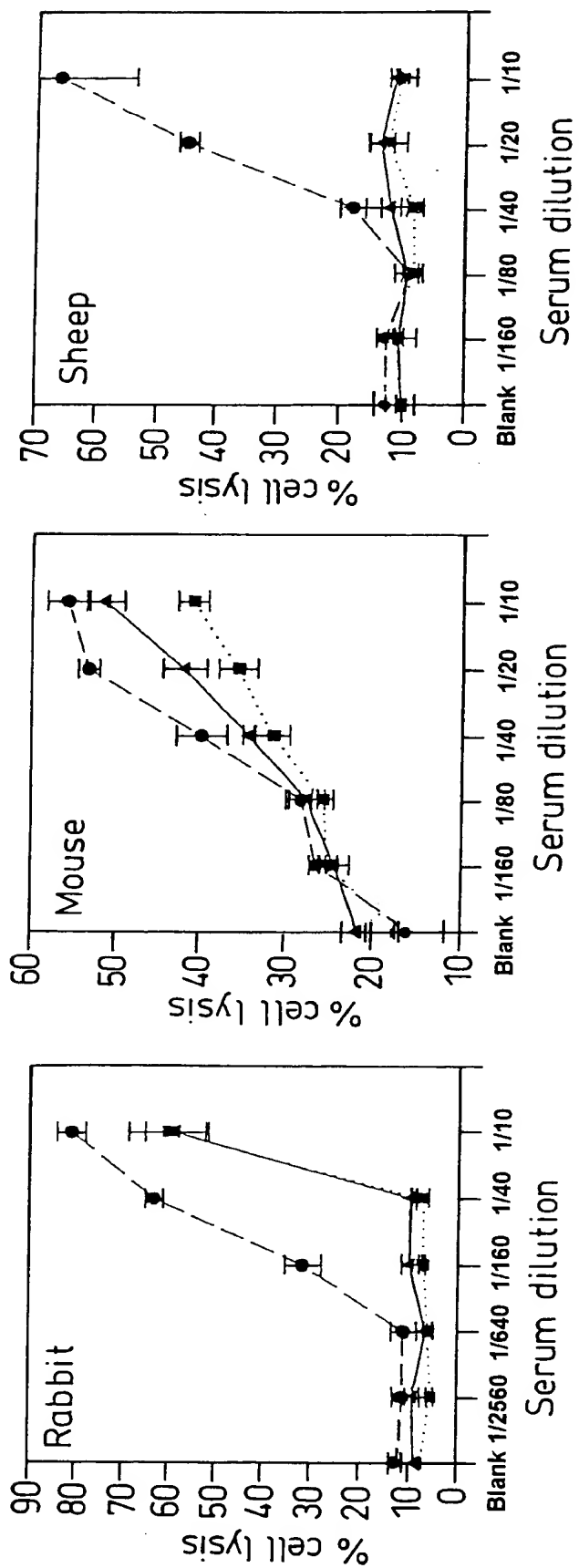
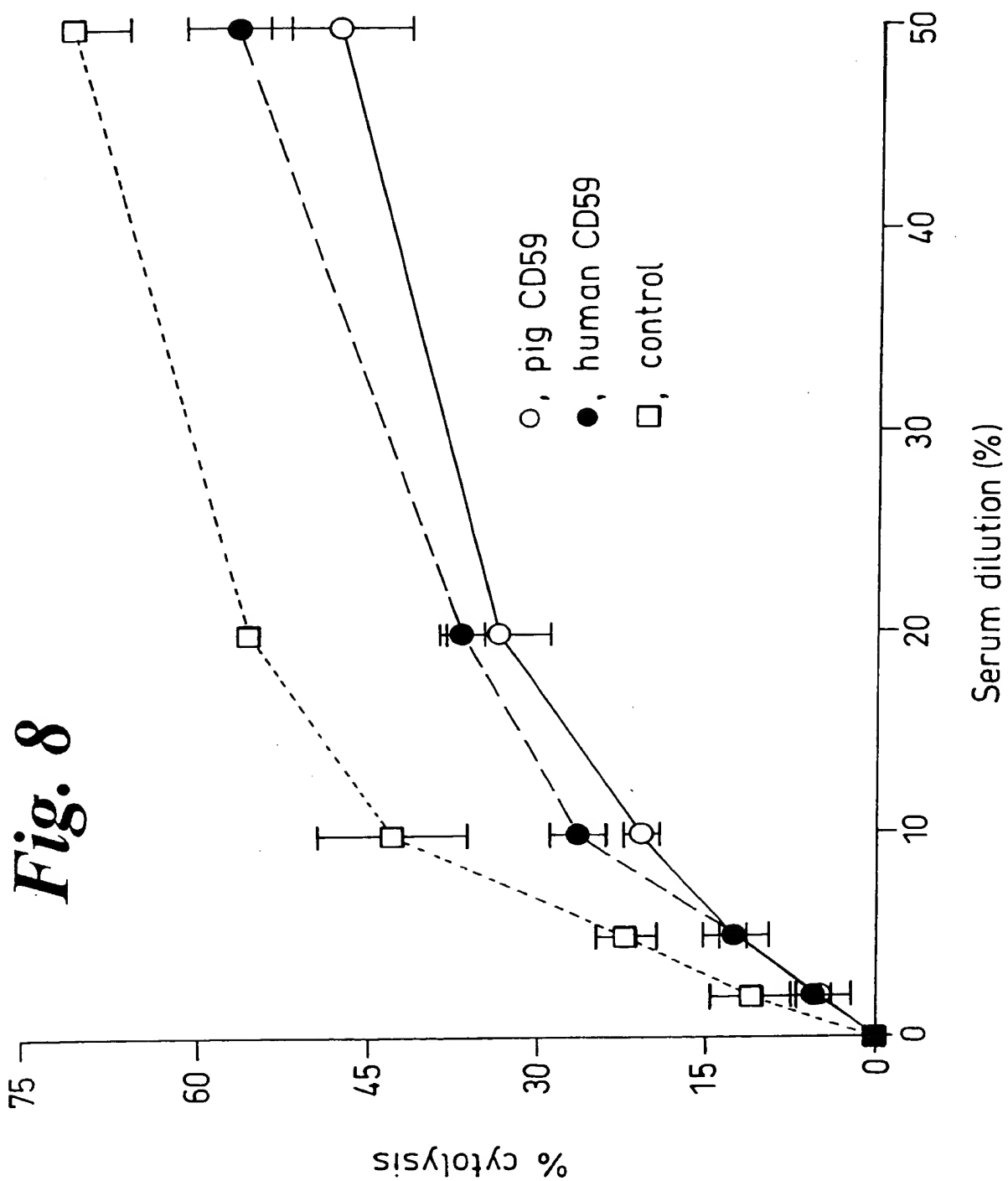


Fig. 7 (part 2 of 2)



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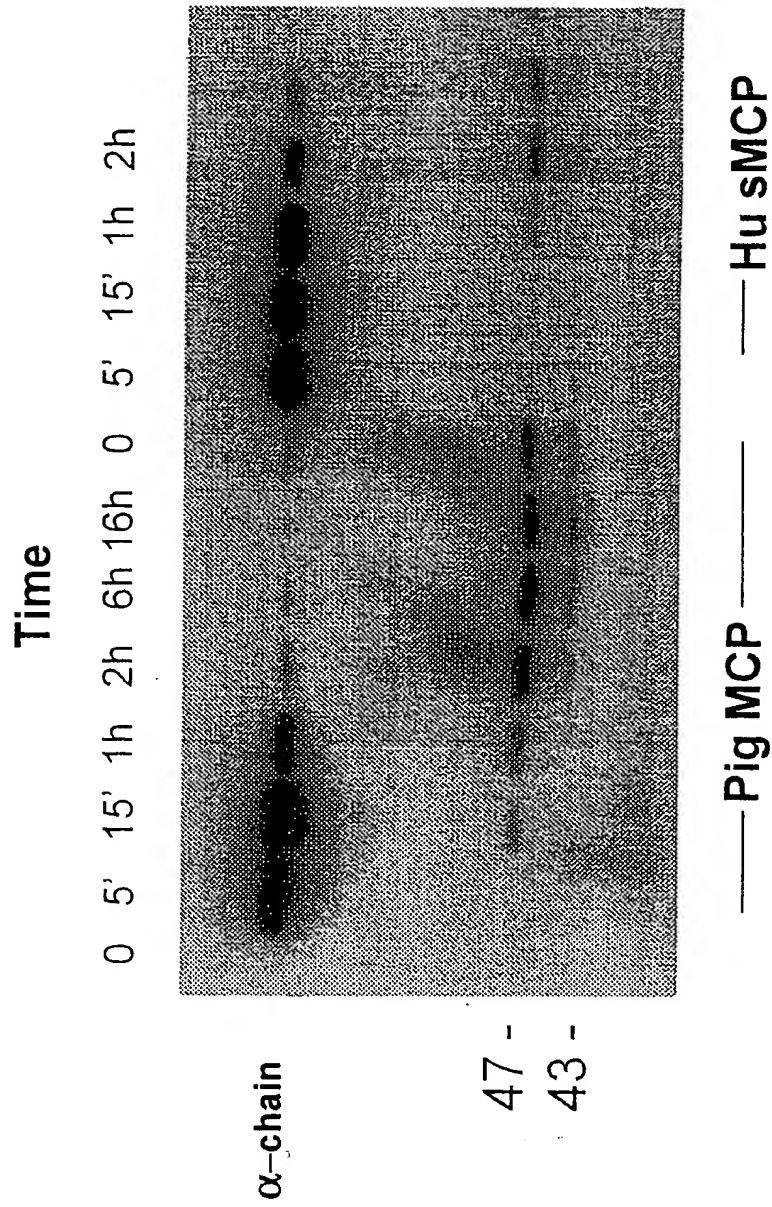


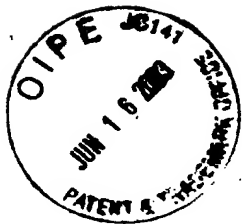


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Time course Cofactor activity: pig MCP vs Hu sMCP

Fig. 9





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Dose/response Cofactor activity: pig MCP vs Hu sMCP

300 100 30 10 3 1 - 300 100 30 10 3 1 - ng MCP

α -chain

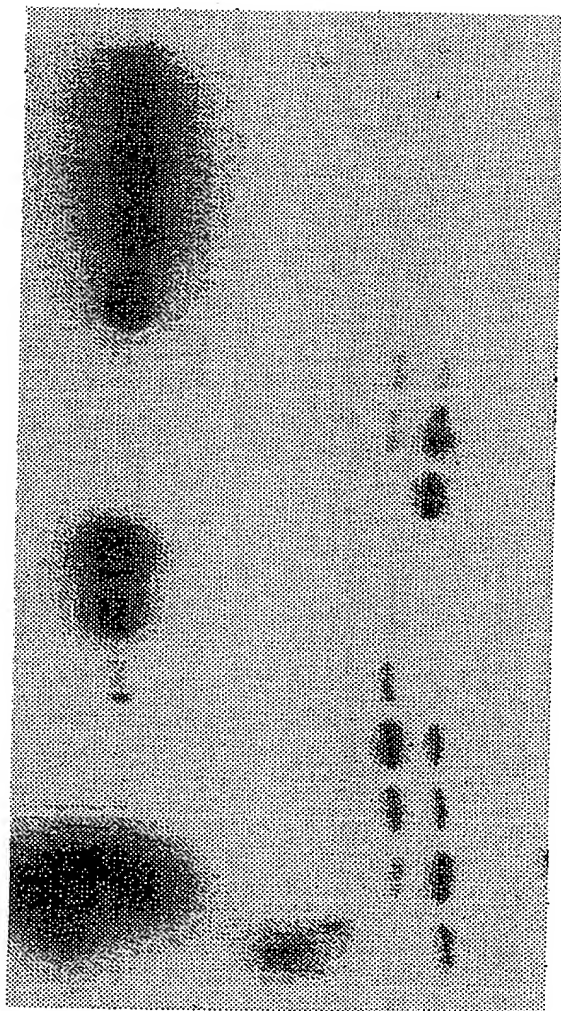


Fig. 10

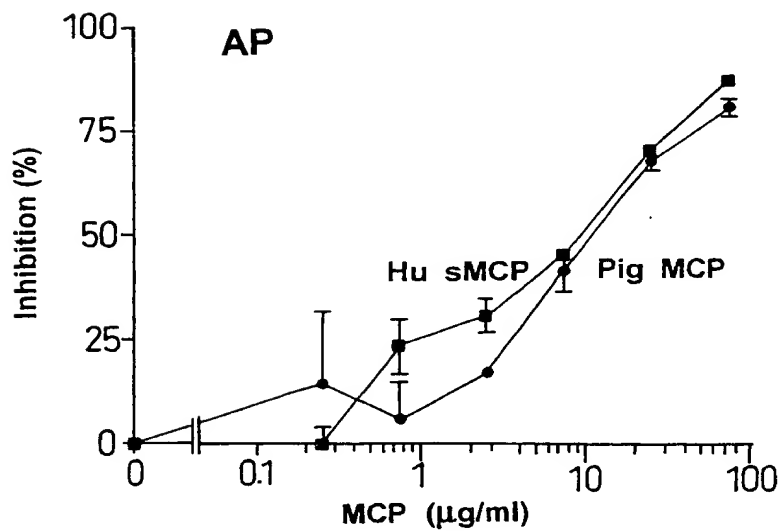
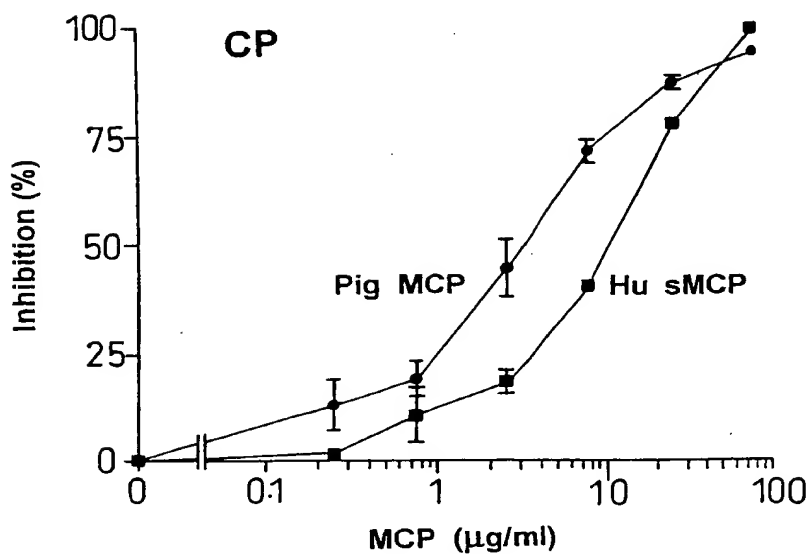
— Pig MCP — — Hu sMCP —

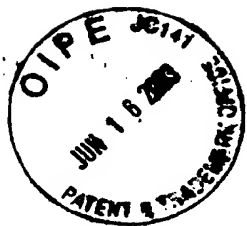


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Fig. 11

Inhibition of CP and AP of human serum
by human sMCP and pig MCP





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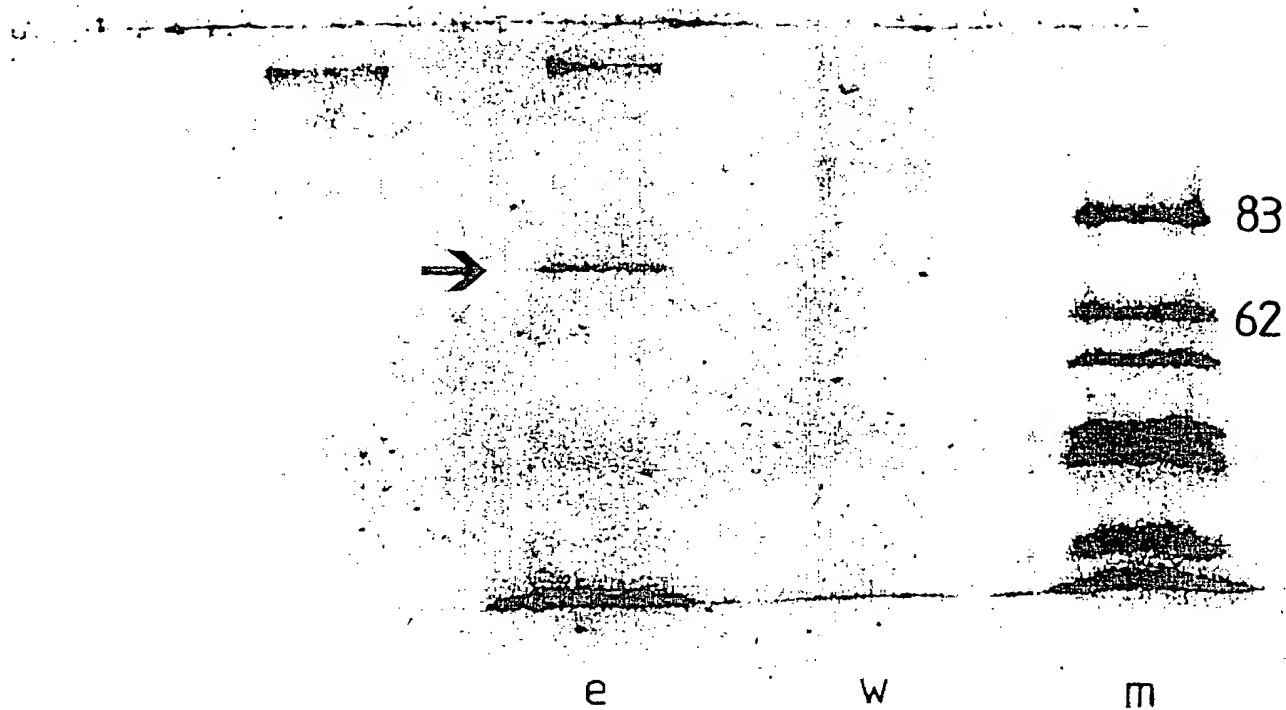


Fig. 12



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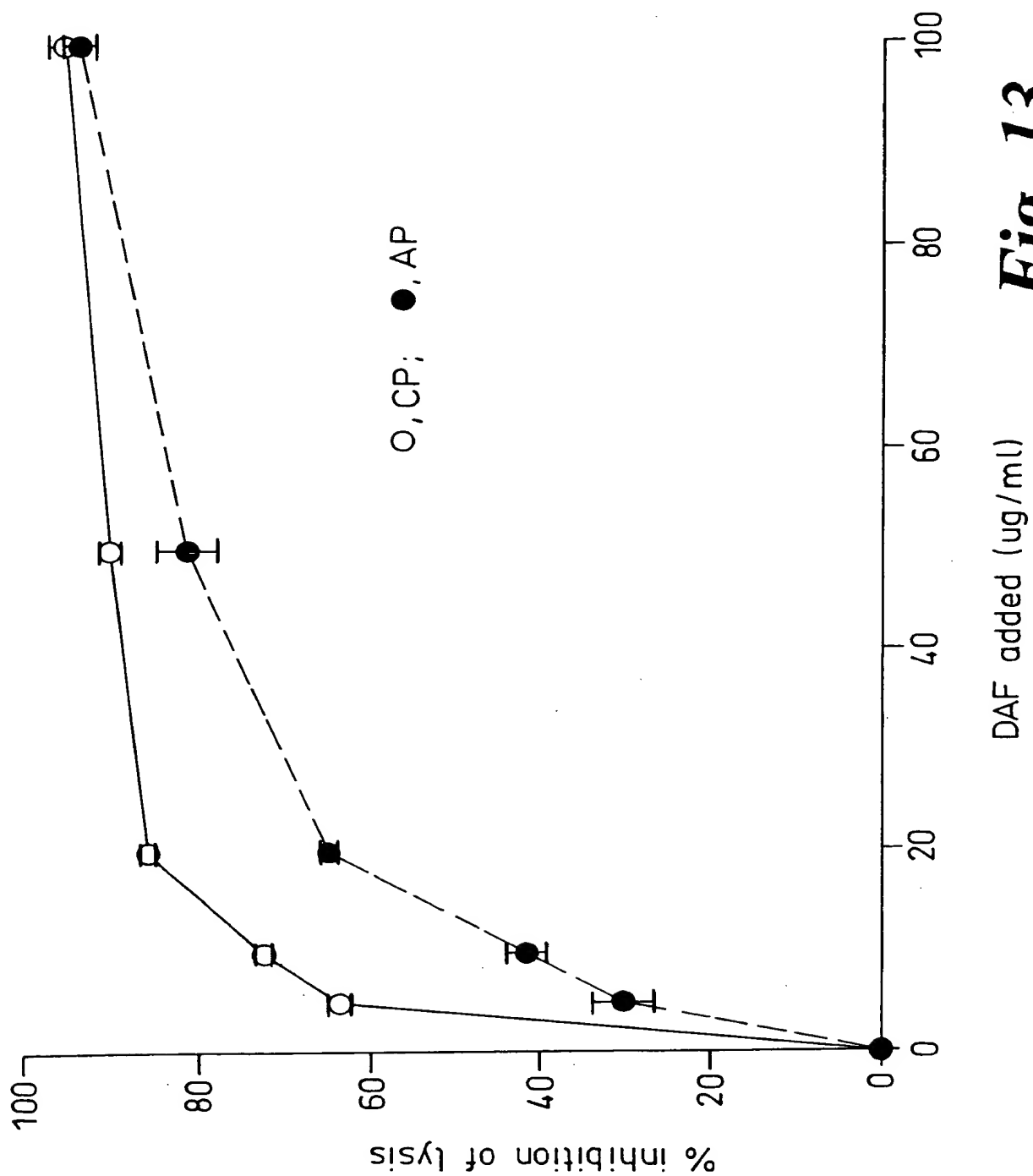
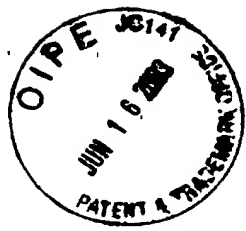


Fig. 13

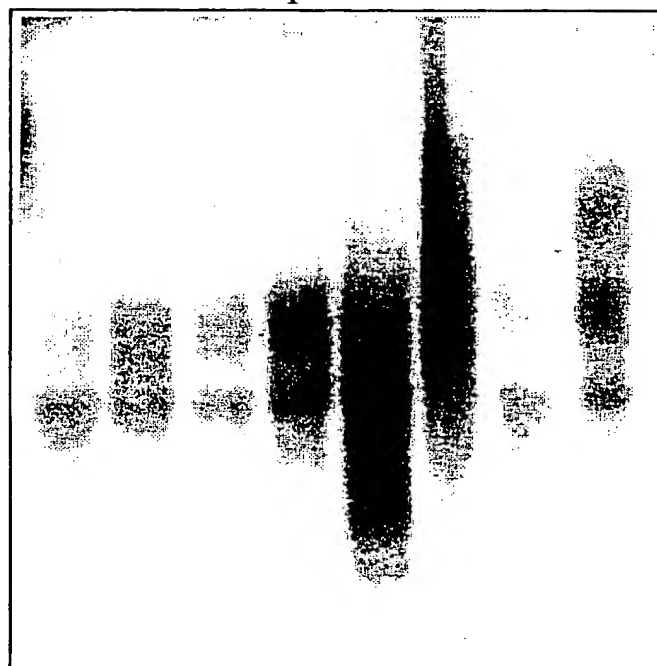
Fig. 14

Fig. 15



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Kd Ut Ln Sp Ov Ts Lv Ht

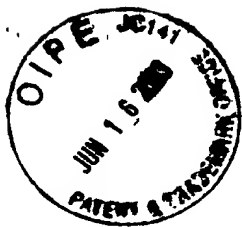


-28 S

-18 S

Northern analysis of porcine DAF

Fig. 16



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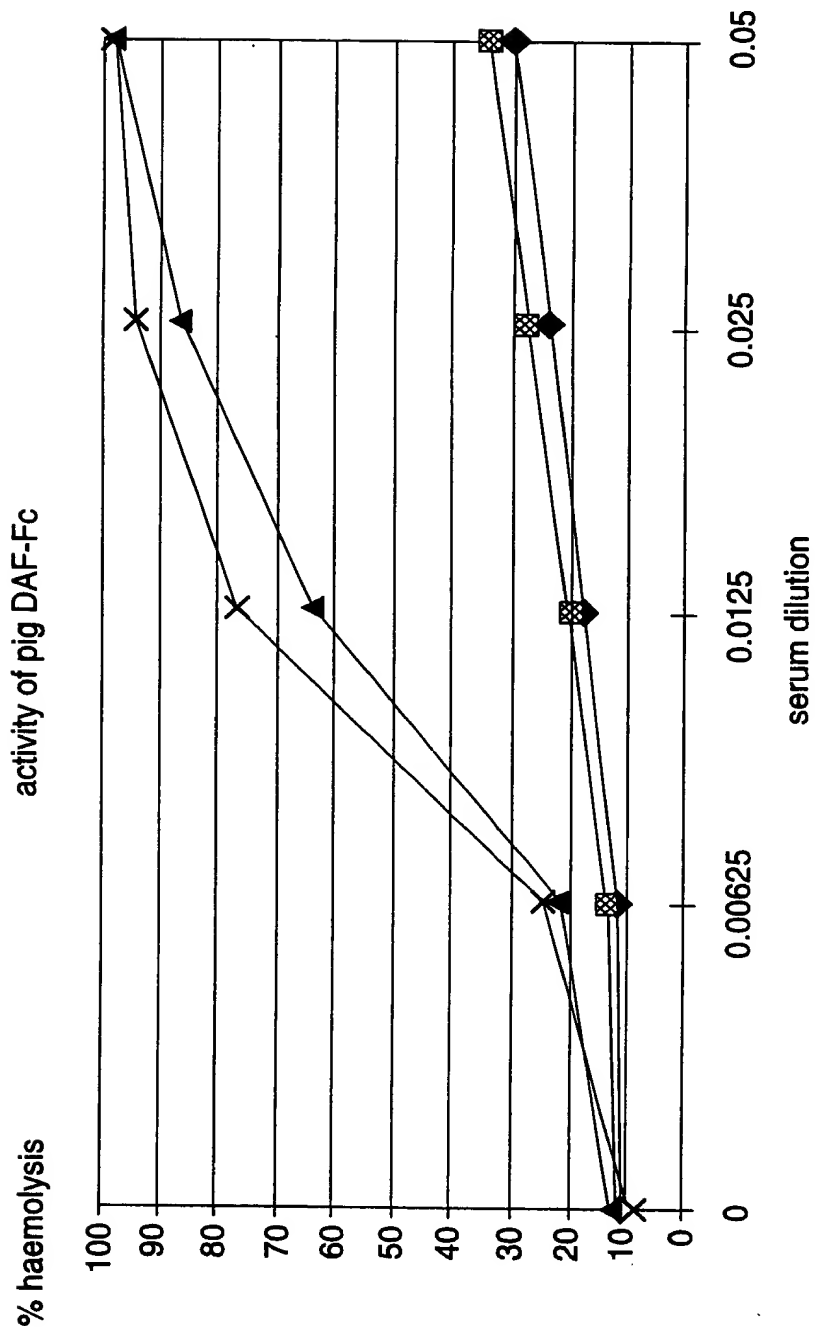


Fig. 17a



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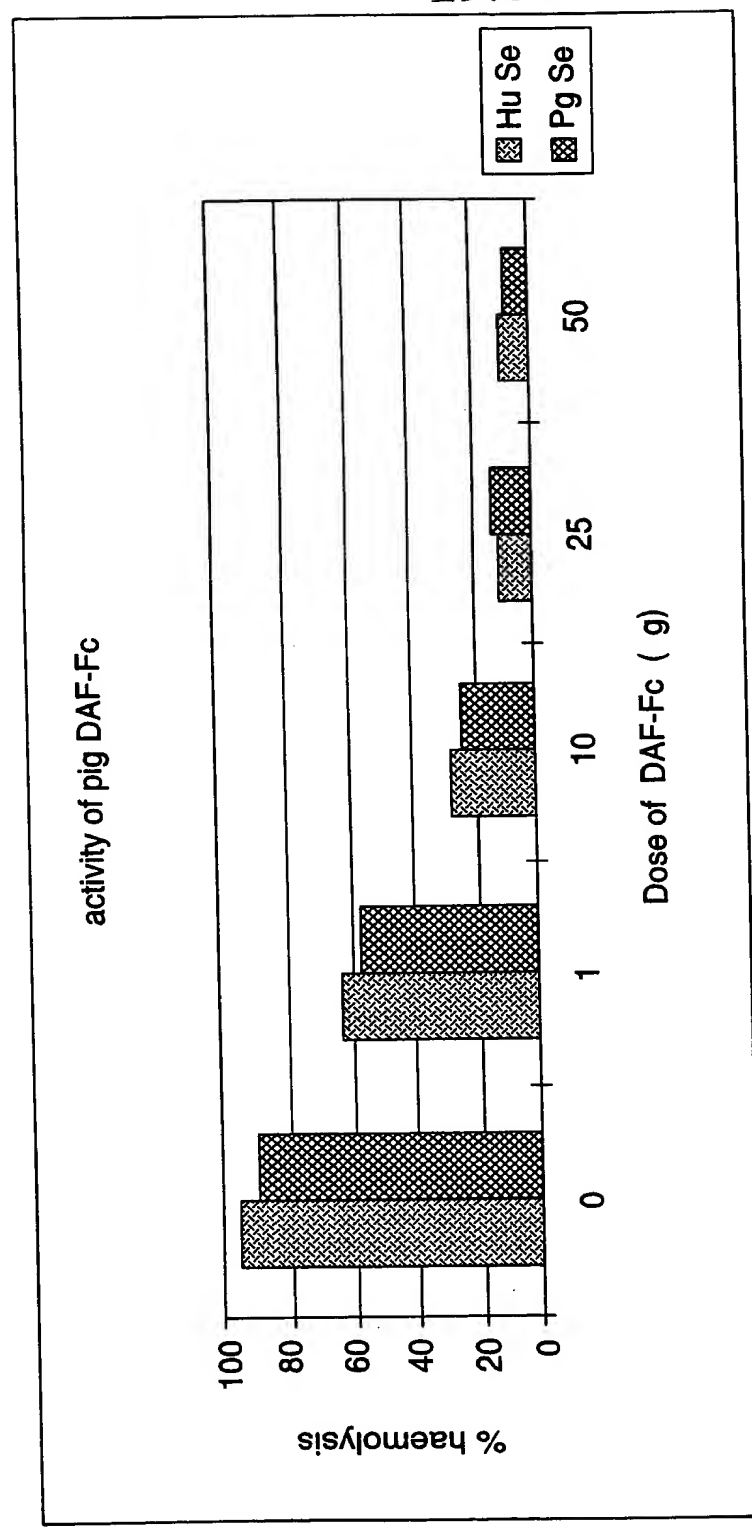
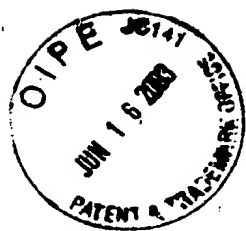


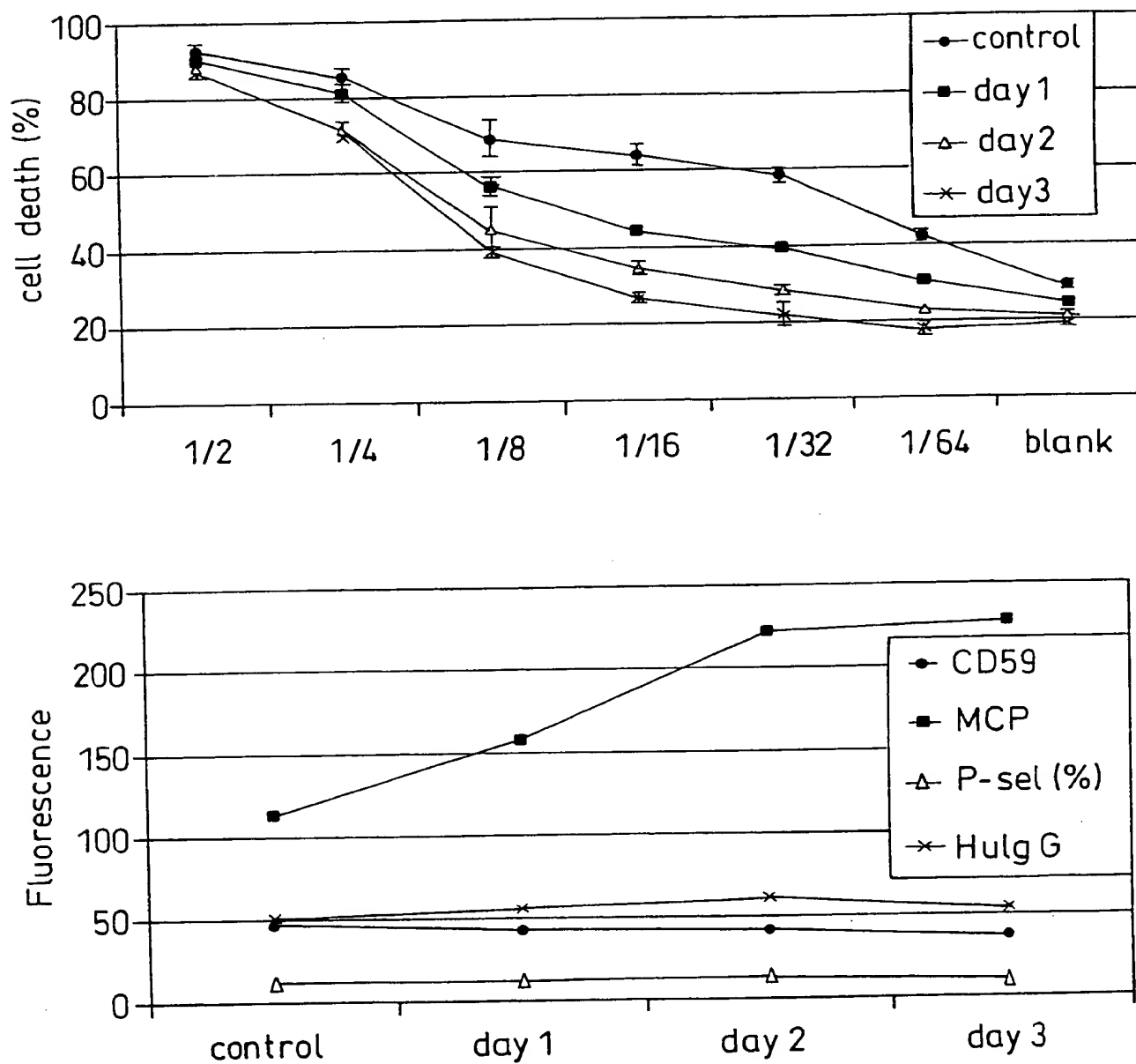
Fig. 17b

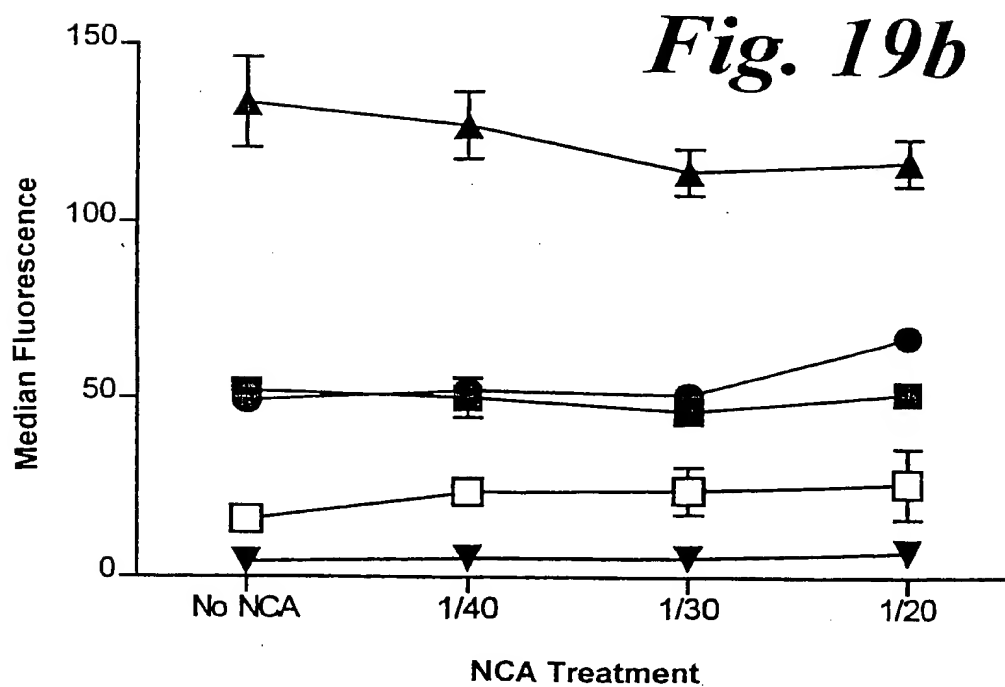
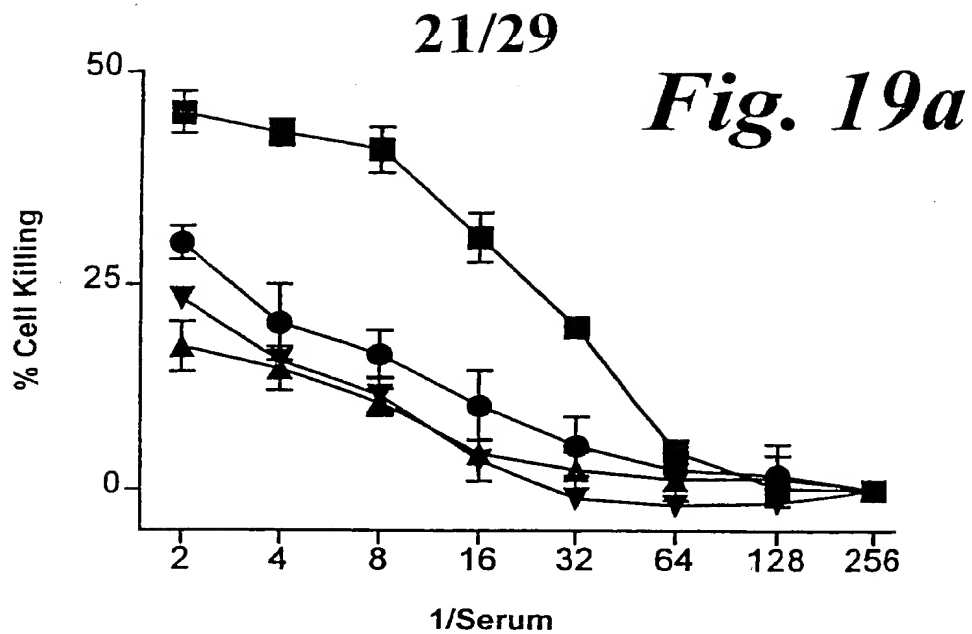


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Effect of PMA on expression of
CD59 and MCP and C-
susceptibility of PAEC

Fig. 18

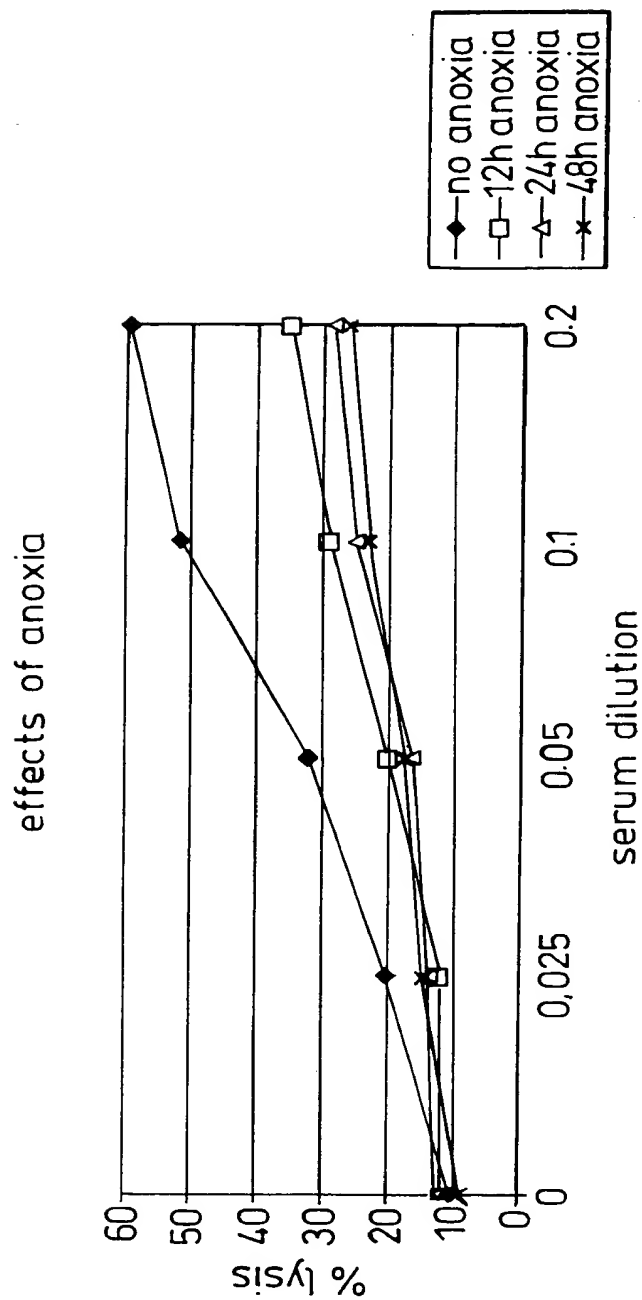






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Fig. 20a Effects of anoxia



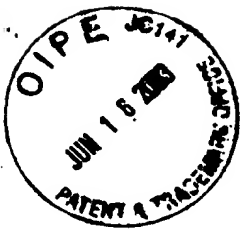
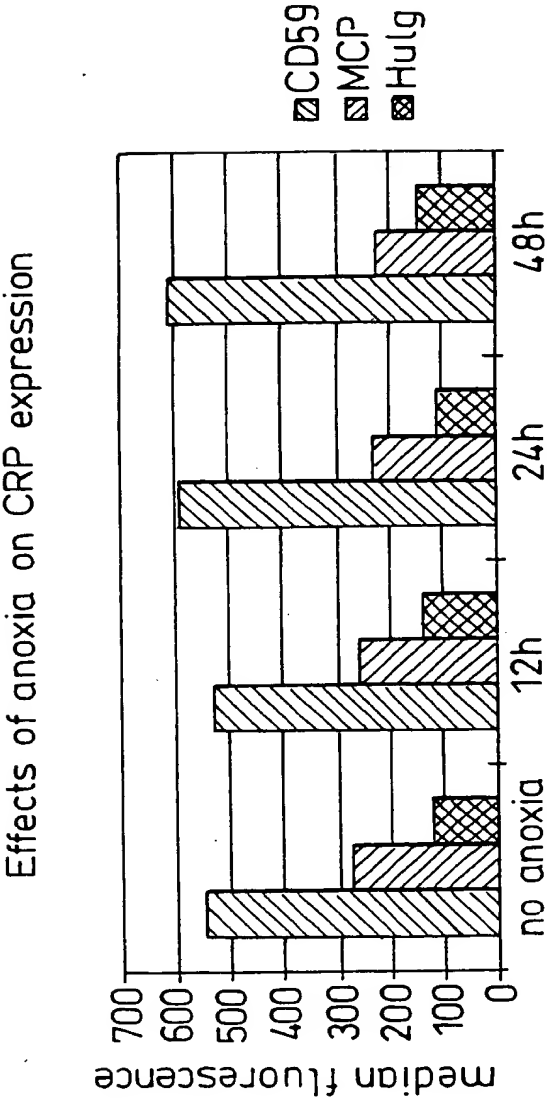


Fig. 20b Effects of anoxia





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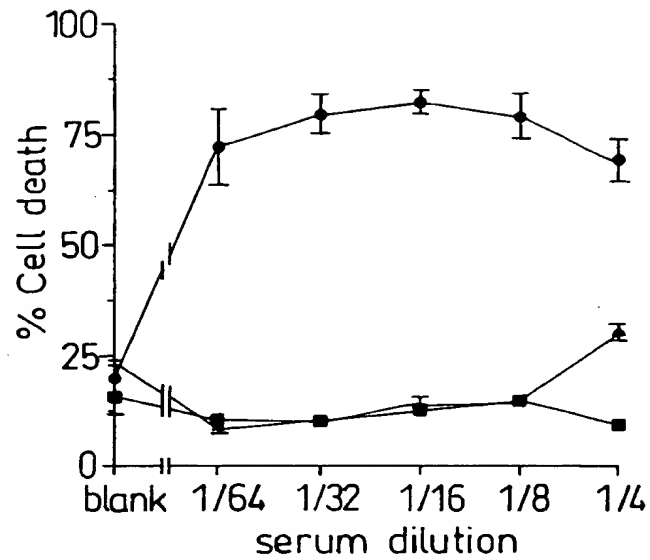


Fig. 21a

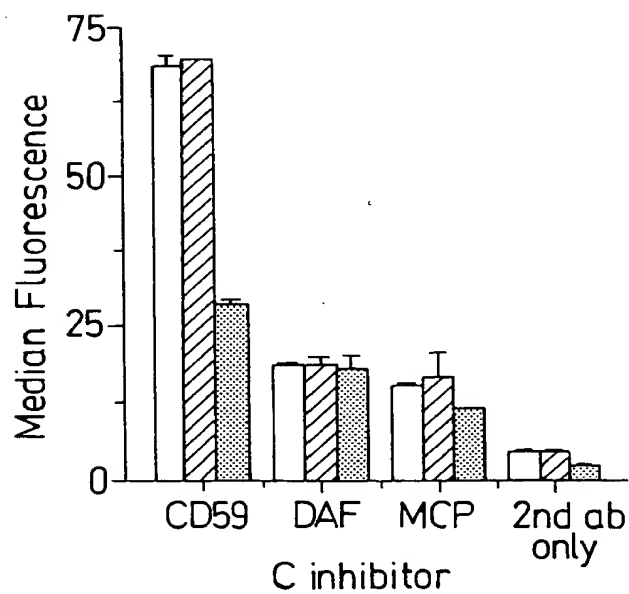


Fig. 21b



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Expression of pig CD59 on pig
aortic endothelial cells (PAEC) at
different passages.

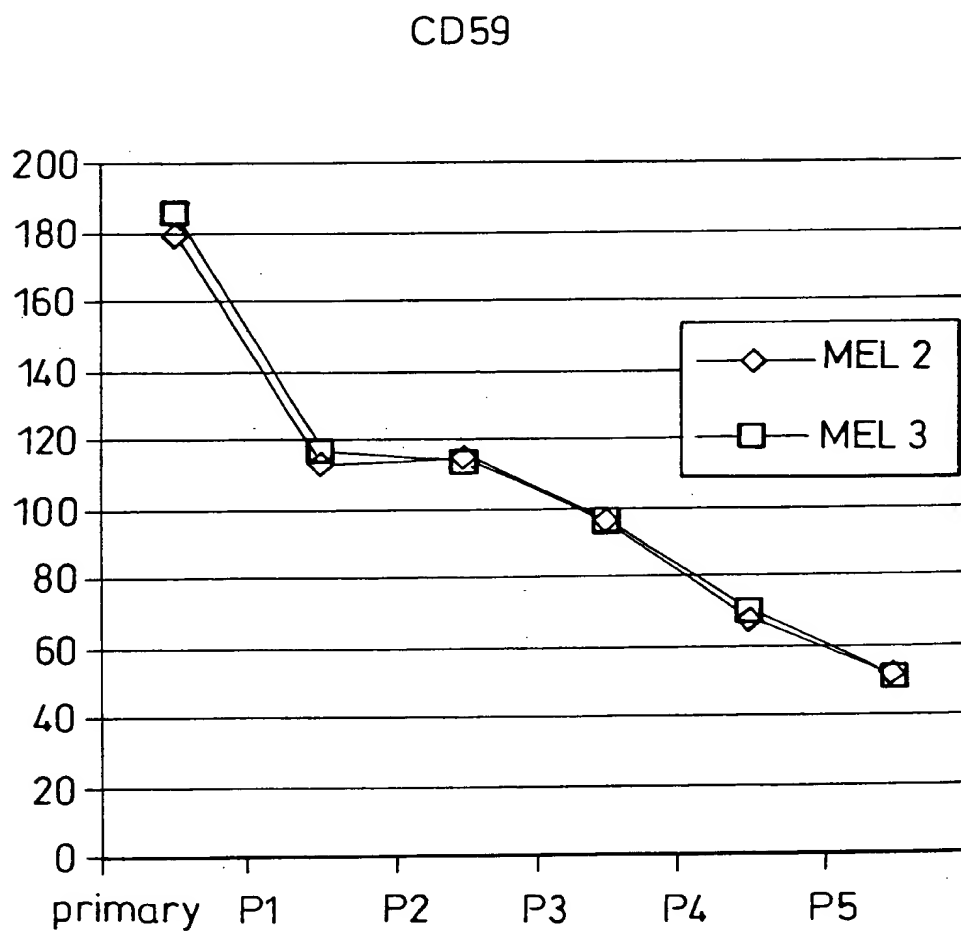


Fig. 22



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Expression of pig MCP on pig
aortic endothelial cells (PAEC) at
different passages.

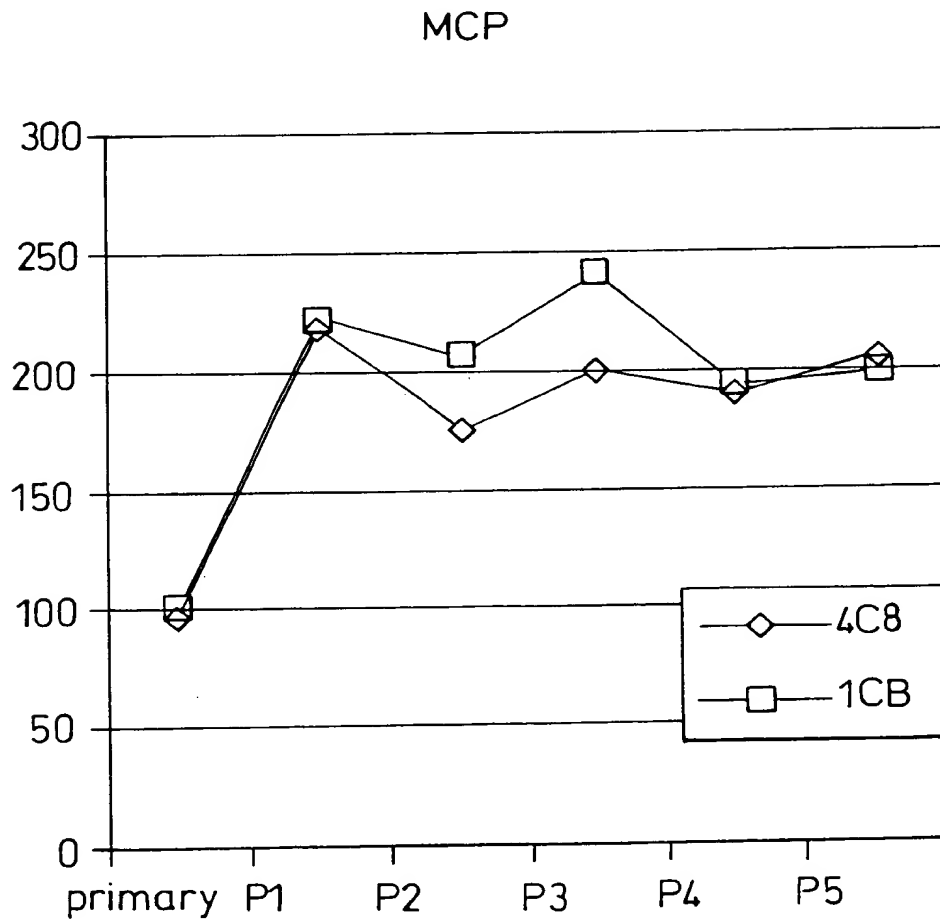


Fig. 23

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C-susceptibility of pig aortic endothelial cells (PAEC) at different passages.

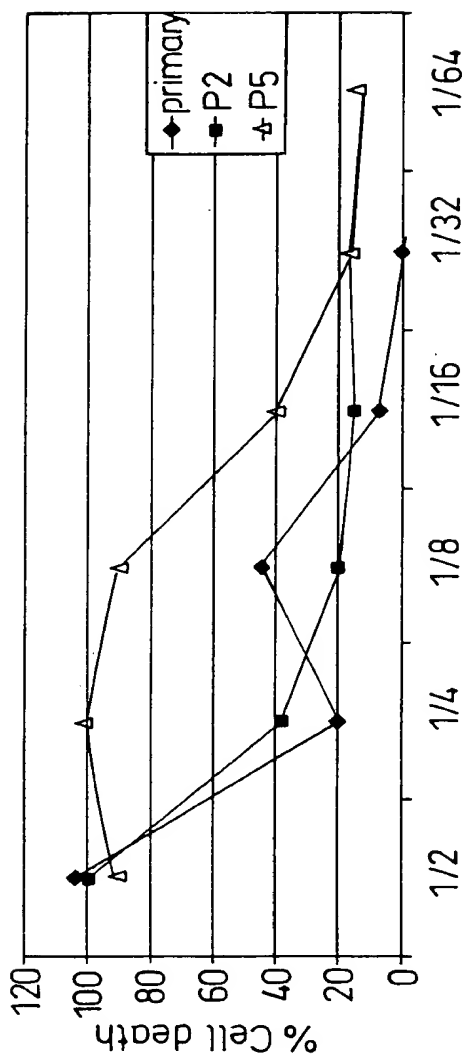
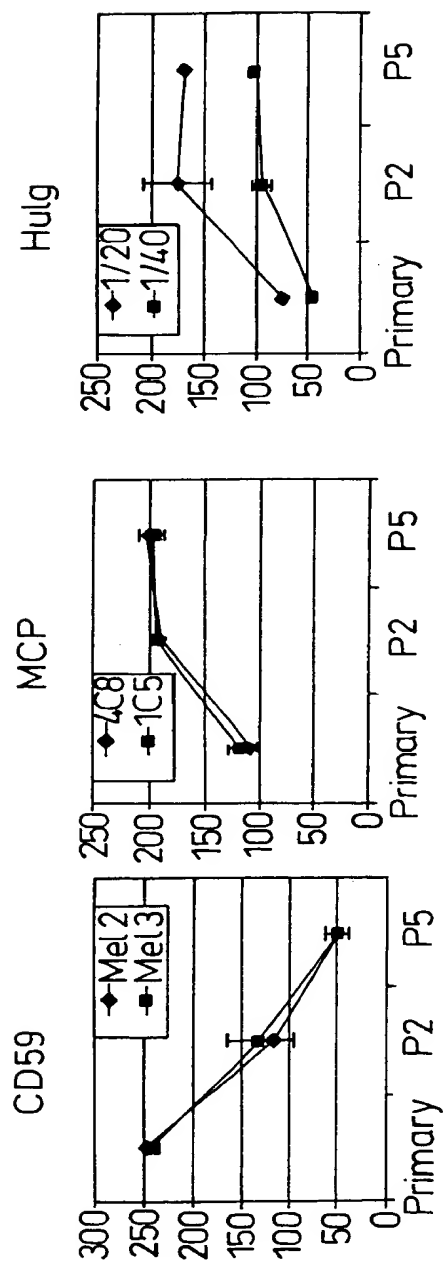
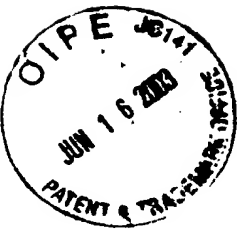


Fig. 24





Effect of blocking CD59 and MCP
of C-susceptibility of PAEC.

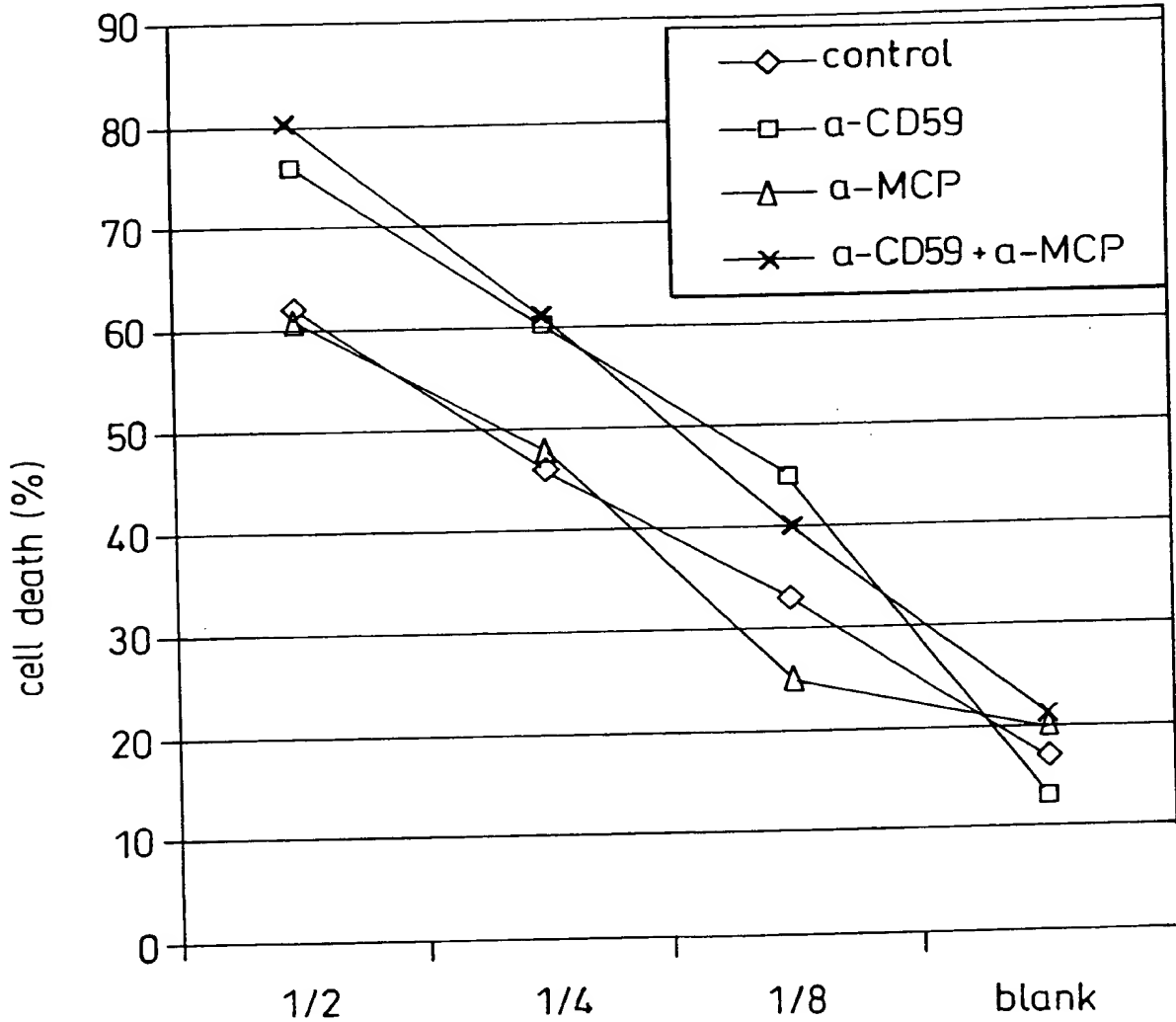


Fig. 25



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Incorporation of Human CD59 into PAEC and effect of blocking of human and pig CD59 on C-susceptibility.

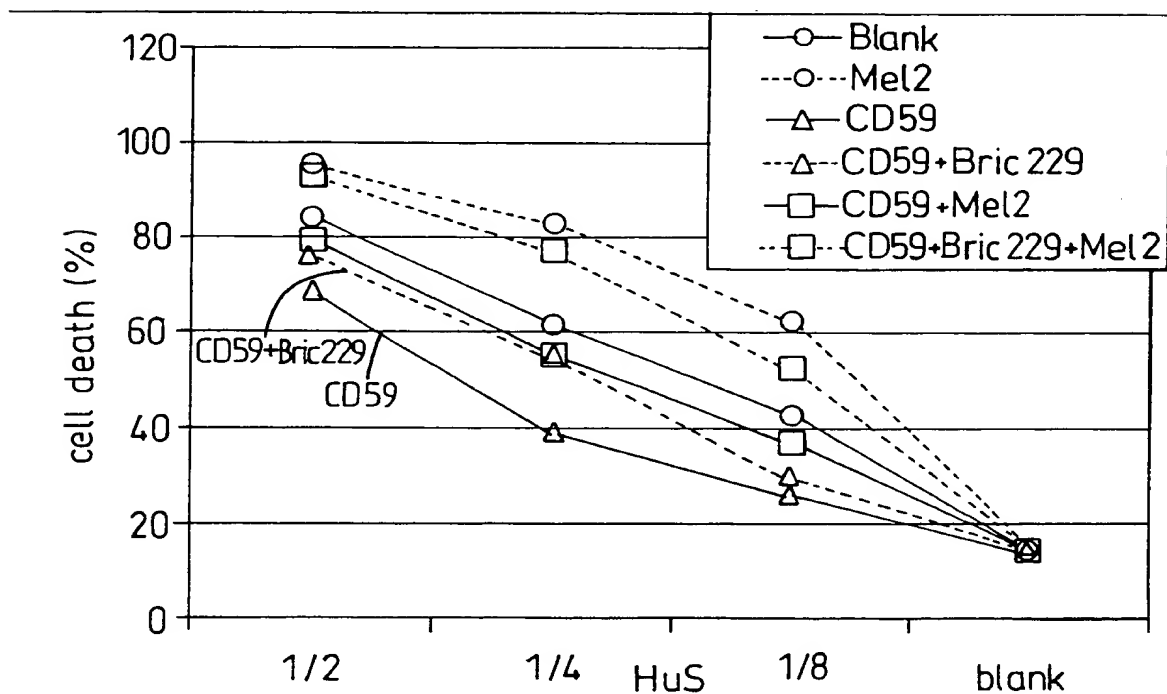
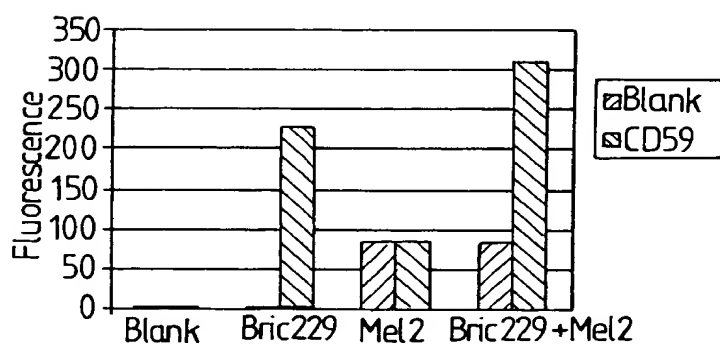


Fig. 26